

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 6 | (("5514503") or ("6445437")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/07 09:42 |
| L2 | 235 | (LCD or liquid adj crystal) and (intaglio or gravure) near3 print\$4 and black near1 (matrix grid pattern) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/07 09:43 |
| L3 | 17 | 2 and (active and inactive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/07 09:48 |
| L4 | 2 | ("20040126678").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/07 09:47 |
| L5 | 0 | L4 and (active and inactive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/07 09:47 |
| L6 | 2 | 4 and active | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/07 09:50 |
| L7 | 17 | 2 and active and inactive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/07 09:49 |
| L8 | 4 | 2 and active and dummy | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/07 09:56 |
| L9 | 2 | 4 and active and dummy | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/07 09:50 |

EAST Search History

| | | | | | | |
|-----|------|--|---|----|-----|------------------|
| L10 | 985 | color with filters and active and dummy | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/07 09:56 |
| L11 | 765 | (LCD or liquid adj crystal) and color with filters and active and dummy | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/07 09:57 |
| L12 | 49 | (LCD or liquid adj crystal) and color with filters and realiz\$4 with active and dummy | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/07 09:57 |
| S1 | 2 | ("20040126678").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/07 09:22 |
| S2 | 15 | (("5259926") or ("4294650") or ("5514503") or ("5544582") or ("5678483") or ("5701815") or ("6001515") or ("6356318")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/29 11:27 |
| S3 | 5 | S2 and red | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 10:39 |
| S4 | 6 | (("4451028") or ("5836084") or ("4373713")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/01 11:57 |
| S5 | 2 | ("5514503").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/01 11:57 |
| S6 | 7079 | dummy with area | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 12:53 |
| S7 | 57 | dummy adj area and active adj area | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/07 09:47 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|----|------------------|
| S8 | 19 | dummy adj area and active adj area and (Liquid adj Crystal adj display or LCD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/02 10:04 |
| S9 | 1 | S7 and cliche | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/01 12:58 |
| S10 | 9 | S7 and (red and green and blue) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/02 10:04 |
| S11 | 19 | dummy adj area and active adj area and (Liquid adj Crystal adj display or LCD) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/02 10:04 |
| S12 | 9 | S11 and (red and green and blue) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/02 10:29 |
| S13 | 6 | S11 and (red and green and blue and black) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/02 10:41 |
| S14 | 6 | S11 and (red and green and blue and black and resin and pixel\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/02 11:39 |
| S15 | 1 | S11 and (red and green and blue and black and resin and pixel\$4 and sub adj pixel) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/02 11:10 |
| S16 | 1 | S11 and (red and green and blue and black and resin and pixel\$4 and sub adj pixel or subpixel) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/02 11:10 |
| S17 | 3454 | (red and green and blue and black and resin and pixel\$4 and sub adj pixel or subpixel) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/02 11:10 |

EAST Search History

| | | | | | | |
|-----|------|--|---|----|-----|------------------|
| S18 | 1054 | (red and green and blue and black and resin and pixel\$4 and sub adj pixel or subpixel) and LCD | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 14:46 |
| S19 | 0 | (red and green and blue and black and resin and pixel\$4 and sub adj pixel or subpixel) and LCD and cliche | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/02 11:11 |
| S20 | 1 | (red and green and blue and black and resin and pixel\$4 and sub adj pixel or subpixel) and LCD and (active adj area and dummy adj area) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/02 11:11 |
| S21 | 88 | (red and green and blue and black and resin and pixel\$4 and sub adj pixel or subpixel) and LCD and print\$4 adj roll | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/02 11:15 |
| S22 | 2 | ("5514503").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/02 11:15 |
| S23 | 1 | S22 and subpixel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/02 11:15 |
| S24 | 6 | S11 and (red and green and blue and black and resin and pixel\$4 and dummy and active) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/02 11:39 |
| S25 | 2 | "20040126678" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 11:20 |
| S26 | 1 | cliche same active adj area same dummy adj area | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 11:23 |
| S27 | 1 | cliche and active adj area same dummy adj area | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 11:23 |

EAST Search History

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| S28 | 38 | substrate and active adj area same dummy adj area | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 11:42 |
| S29 | 4 | ("6888608").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 11:56 |
| S30 | 2 | ("20010022639").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 12:08 |
| S31 | 213 | black near3 (mask\$4 shield\$4 matrix\$4) same (red or R and blue or B and green or G) with ink\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 12:16 |
| S32 | 1 | black near3 (mask\$4 shield\$4 matrix\$4) same (red or R and blue or B and green or G) with ink\$4 same (dummy inactive or off adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 12:10 |
| S33 | 14 | black near3 (mask\$4 shield\$4 matrix\$4) same (red or R and blue or B and green or G) with ink\$4 same (active and inactive or dummy and active or display or non adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 14:06 |
| S34 | 2 | ("5678483").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 13:13 |
| S35 | 2 | ("5678483").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 13:16 |
| S36 | 43 | active adj area same dummy adj area | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:43 |

EAST Search History

| | | | | | | |
|-----|-----|---|---|----|----|------------------|
| S37 | 47 | active adj area and dummy adj area and (red or R and green or G and Blue or B) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:44 |
| S38 | 0 | active adj area and dummy adj area and (red or R and green or G and Blue or B) near4 ink44 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:44 |
| S39 | 4 | active adj area and dummy adj area and (red or R and green or G and Blue or B) near4 ink\$44 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:52 |
| S40 | 4 | active adj area and dummy adj area and (red or R and green or G and Blue or B) near4 ink\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:44 |
| S41 | 200 | black adj (matrix area layer) same (red or R and green or G and Blue or B) near4 ink\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:53 |
| S42 | 1 | black adj (matrix area layer) same (red or R and green or G and Blue or B) near4 ink\$4 same dummy | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:54 |
| S43 | 1 | black adj (matrix area layer) same (red or R and green or G and Blue or B) near4 ink\$4 same (dummy or off adj display or inactive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:56 |
| S44 | 1 | (shield\$4 black) adj (matrix area layer) same (red or R and green or G and Blue or B) near4 ink\$4 same (dummy or off adj display or inactive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 14:04 |
| S45 | 108 | (shield\$4 black) adj (matrix area layer) and (red or R and green or G and Blue or B) near4 ink\$4 and(dummy or off adj display or inactive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 13:57 |
| S46 | 108 | (shield\$4 black) adj (matrix area layer) and(red or R and green or G and Blue or B) near4 ink\$4 and(dummy or off adj display or inactive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 14:04 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|-----|------------------|
| S47 | 571 | black near3 (mask\$4 shield\$4 matrix\$4) and (red or R and blue or B and green or G) with ink\$4 and (active and inactive or dummy and active or display or non adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 14:12 |
| S48 | 32 | black near3 (mask\$4 shield\$4 matrix\$4) and (red or R and blue or B and green or G) with ink\$4 and (active and inactive or dummy and active) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 14:12 |
| S49 | 32 | black near3 (mask\$4 shield\$4 matrix\$4) and (red or R and blue or B and green or G) with ink\$4 and (active and inactive or dummy and active) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 14:24 |
| S50 | 32 | black near3 (mask\$4 shield\$4 matrix\$4) and (red or R and blue or B and green or G) with ink\$4 and dummy | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 14:31 |
| S51 | 1285 | (349/43).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 14:31 |
| S52 | 783 | (349/43).CCLS. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 14:33 |
| S53 | 2 | (red and green and blue) adj ink\$4 and black adj (matri\$4 shield\$4 mask\$4) and (dummy or inactive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:10 |
| S54 | 70 | (red and green and blue) adj ink\$4 and black adj (matri\$4 shield\$4 mask\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:08 |
| S55 | 2 | (red and green and blue) adj ink\$4 and (opaque black) adj (matri\$4 shield\$4 mask\$4) and (dummy or inactive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:20 |

EAST Search History

| | | | | | | |
|-----|-------|---|---|----|-----|------------------|
| S56 | 11571 | (red and green and blue) and (dummy or inactive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:20 |
| S57 | 7 | (red and green and blue) adj ink\$4 and (dummy or inactive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:20 |
| S58 | 1 | (red and green and blue) adj ink\$4 and dummm\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:22 |
| S59 | 52 | (red and green and blue) adj filter\$4 and dummm\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/04 15:22 |
| S60 | 2 | (red and green and blue) adj filter\$4 same dummy | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 12:31 |
| S61 | 4 | ("6445437").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/04 15:31 |
| S62 | 0 | "404134401" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 12:16 |
| S63 | 0 | ("404134401").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/10 12:17 |
| S64 | 0 | ("404134401").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/10 12:17 |
| S65 | 1 | ("0471628").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/10 12:31 |

EAST Search History

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| S66 | 10 | "0471628" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 12:31 |
| S67 | 2 | ("20040126678").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 08:12 |
| S68 | 2 | S67 and dummy adj area | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 08:59 |
| S69 | 3 | (reposition\$4 replac\$4) same (inks or filters) same (dummy adj area or inactive adj area or off adj display adj area) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 09:57 |
| S70 | 0 | "404134401" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 09:11 |
| S71 | 0 | ("404134401").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 09:12 |
| S72 | 3 | "02258519" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 09:13 |
| S73 | 7 | ("2258519").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 09:15 |
| S74 | 116 | (dummy inactive non adj display or non-display) adj area\$4 same black adj matri\$8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 09:24 |
| S75 | 4 | ("6445437").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/15 09:18 |

EAST Search History

| | | | | | | |
|-----|----|---|---|----|-----|------------------|
| S76 | 16 | dummy adj area\$4 same black adj matri\$8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 09:25 |
| S77 | 11 | dummy adj area\$4 same black adj matri\$8 same (color or red or blue or green) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 09:27 |
| S78 | 11 | dummy adj area\$4 same black adj matri\$8 same (color or red or blue or green)and (color or red or blue or green) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 09:27 |
| S79 | 27 | (dummy adj area or inactive adj area or off adj display adj area) same black adj matri\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 11:53 |
| S80 | 13 | (dummy adj area or inactive adj area or off adj display adj area) same black adj matri\$4 same active | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 11:54 |
| S81 | 30 | (dummy adj area or inactive adj area or off adj display adj area) same black adj matri\$4 and active | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/15 11:54 |
| S82 | 18 | (dummy adj area or inactive adj area or off adj display adj area) same black adj matri\$4 and active | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 13:01 |
| S83 | 1 | ("200230204").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/20 12:05 |
| S84 | 1 | "200230204" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 12:06 |
| S85 | 2 | ("20040126678").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/20 13:02 |

EAST Search History

| | | | | | | |
|-----|---|---------------|---|----|----|------------------|
| S86 | 2 | S85 and dummy | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 13:02 |
|-----|---|---------------|---|----|----|------------------|